

Site Inspection Memo

1261

Site's Name: Frontier Chemical Waste - Pendleton

County: Niagara

State ID #: 932043

CERCLA ID #: N40000514133

Priority: High

The NYDEC is already conducting a remedial investigation or corrective action at this facility under the State's authority. The facility is also on the CERCLIS List and a candidate for Site Inspection.

A Site Inspection would be redundant at this time. I recommend a high priority for this site until the completion of the remedial investigation or corrective action. At this stage the state and the EPA would reach a final decision with the data gathered by the state's action. Attached is a fact sheet providing the current site status.

Signature:

Lucas E. Davis

Date:

10/24/91

316864



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL REPORT

CLASSIFICATION CODE: 2

REGION: 9

SITE CODE: 932043
EPA ID: NYDO00514133

NAME OF SITE : Frontier Chemical - Pendleton

STREET ADDRESS: Townline Road

TOWN/CITY:

Pendleton

COUNTY:

Niagara

ZIP:

SITE TYPE: Open Dump- Structure- Lagoon- Landfill-X Treatment Pond-X
ESTIMATED SIZE: 22 Acres

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER NAME.....: Frontier Chemical Waste Process Inc.

CURRENT OWNER ADDRESS.: 4626 Royal Ave., Niagara Falls, NY

OWNER(S) DURING USE....: Frontier Chem Waste Process, Inc.

OPERATOR DURING USE....: Frontier Chemical Waste Process Inc.

OPERATOR ADDRESS.....: 4626 Royal Ave., Niagara Falls, NY

PERIOD ASSOCIATED WITH HAZARDOUS WASTE: From 1959 To 1976

SITE DESCRIPTION:

This site was used for the treatment of industrial wastes from 1959 to 1976. The lake on the property was used for discharges from these operations. Also, a large number of barrels containing wastes were buried underground. Over 50 barrels containing pyridine were excavated and removed from site during 1984-85. The lake was dewatered by pumping the water to the County sewage treatment plant. Ten monitoring wells were installed in 1985. Under Consent Orders issued in 1984, 1986, and 1988, Frontier was required to remediate the Quarry Lake by excavating the contaminated sediment and placing it in a containment area which was to be built on-site. In addition, Frontier was required to investigate suspected disposal areas to the southeast of the lake. Frontier installed 22 additional monitoring wells in 1988 as a part of the investigation.

Frontier did not implement and complete the work as required by the Consent Orders. Frontier was found to be in violation of the orders. Consequently the Department proceeded to complete the work under State Superfund.

The contract for RI/FS was awarded to URS. The RI/FS which is currently in progress, is scheduled for completion during 1991.

HAZARDOUS WASTE DISPOSED: Confirmed-X
TYPE

Suspected-
QUANTITY (units)

Waste oil, solvents, acids, halogenated
organics, dyes, heavy metal sludges, PCB's

Unknown

ANALYTICAL DATA AVAILABLE:

Air- Surface Water-X Groundwater-X Soil-X Sediment-X

CONTRAVENTION OF STANDARDS:

Groundwater-X Drinking Water- Surface Water- Air-

LEGAL ACTION:

TYPE...: State- X Federal-
STATUS: Negotiation in Progress- Order Signed-

REMEDIAL ACTION:

Proposed- Under design- In Progress-X Completed-
NATURE OF ACTION: RI-FS

GEOTECHNICAL INFORMATION:

SOIL TYPE: Lacustrine clay overlying bedrock
GROUNDWATER DEPTH: 5 ft.

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

The investigations indicate that shallow groundwater aquifer has been contaminated. Soil and sediments are contaminated with high concentrations of inorganic and organic chemicals. Wastes have been found buried in the ground. The site is a potential threat to the environment and needs remediation.

ASSESSMENT OF HEALTH PROBLEMS:

The fencing around the site is in poor repair, allowing access to people on foot, as well as ATV's. Drummed drilling wastes are scattered throughout the site. Equipment decontamination pits are filled with rainwater. Two roll-off dumpsters are filled with drums, none of which are labeled. A large storage tank on-site appears to be leaking an unidentified liquid. Finally, what appear to be leachate outbreaks have been noticed at the lake edge. Due to the above listed hazards, there is a large potential for direct contact with contaminated materials. NYSDOH has recommended to NYSDEC that the fence be repaired and maintained. There are no known potable water supply wells within a three mile radius.